

STATUS OF THE CLAIMS

- 1.-15. Cancelled.
16. (Original) A method of treating tumor, viral or bacterial infections or inflammatory diseases comprising of:
- (a) contacting NK-cells with tumor cells bearing Hsp70 on their surface or cells affected by said infection or inflammation and bearing Hsp70 on their surface;
 - (b) allowing granzyme B to enter said cells via ion channels formed by said Hsp70 on the cell surface; and
 - (c) allowing said cells to undergo apoptosis as a result of the enzymatic activity of granzyme B.
17. (Original) A method treating tumor, viral or bacterial infections or inflammatory diseases comprising of:
- (a) contacting tumor cells bearing Hsp70 on their surface or cells affected by said infection or inflammation and bearing Hsp70 on their surface with granzyme B;
 - (b) allowing granzyme B to enter said cells via ion channels formed by said Hsp70 on the cell surface; and
 - (c) allowing said cells to undergo apoptosis as a result of the enzymatic activity of granzyme B.
18. (Currently amended) The method of claim 16 ~~or 17~~, wherein granzyme B is administered in a final concentration of 1µg/ml to 500µg/ml.
19. (Currently amended) The method of claim 16 ~~or 17~~, wherein granzyme B is administered in a final concentration of 1ng/ml to 10 ng/ml.
20. (Original) The method of claim 19 wherein granzyme B is administered in a final concentration of about 6 ng/ml.
- 21.-23. Cancelled.

24. (Currently amended) The ~~use of any one of claims 12 to 15, 21 or 22 or the method of any one of claims 16 to 22~~, wherein the viral infection is an infection by HIV or Hepatitis virus.
25. (New) The method of claim 17, wherein granzyme B is administered in a final concentration of 1µg/ml to 500µg/ml.
26. (New) The method of claim 17, wherein granzyme B is administered in a final concentration of 1ng/ml to 10 ng/ml.
27. (New) The method of claim 26 wherein granzyme B is administered in a final concentration of about 6 ng/ml.
28. (New) The method of claim 17, wherein the viral infection is an infection by HIV or Hepatitis virus.